SEAMAT I

USS ARLEIGH BURKE (DDG 51)

INTERNAL VIDEO VENTILATION ASSESSMENT

PERFORMED BY
SUPERVISOR OF SHIPBUILDING
CONVERSION AND REPAIR
PORTSMOUTH, VIRGINIA

SUPSHIP: A. PUGH & Q.E.D. T. BENTON, W. BAKER

15 THRU 26 OCTOBER 2001

SUMMARY

A ventilation duct internal inspection was accomplished IAW the requirements of References (a) and (b), on Board the USS ARLEIGH BURKE (DDG 51) from 15 thru 26 October 2001,during SEMAT 1 visit at NORFOLK NAVAL STATION, at NORFOLK, VA. The duct internal inspection determines the structural integrity (rust, wear, damage) and cleanliness (grease, dust, foreign matter) of the recirculation, exhaust, supply and recirc. vent systems. Form 4790-2Ks were utilized to document discrepancies and were furnished for inclusion into the USS ARLEIGH BURKE Current Ship's Maintenance Project (CSMP). A proposed SUPSHIP, Portsmouth's Maintenance Repair Card (MRC), 5111-1 was used for the inspection criteria. The following pages have descriptions and pictures of the discrepancies discovered

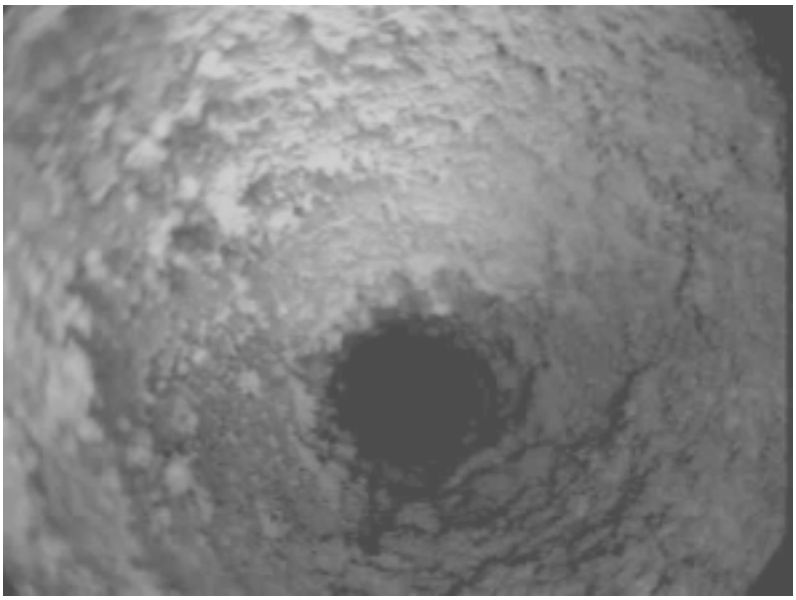
REFERENCES

a) COMNAVSURFLANT Continuous Maintenance Implementation / Improvement Policy Letter 09- Ventilation System Cleaning Policy Letter Ser N432A/1014 D dated 03 AUG 1999.
b) COMNAVSURFLANT MessageR091100Z Aug 1999 Shipboard Ventilation Cleaning policy.

	THE FOLLOWING SYSTEMS NEED CLEANING				
SYS. NO.	**TYPE**	**JSN**	**PG. NO.**	**COMPARTMENT**	**DC BOOK PG**
E01-114-3	EXHAUST	JSN P026		3-97-01-L CREW WR,WC&SH.	II(I)25
E01-146-3	EXHAUST	JSN P013		4-126-0-E AMR#1	II(I)28
E01-163-1	EXHAUST	JSN P052		02-158-3-L OFFICERS WR. WC.	II(I)30
E01-208-1	EXHAUST	JSN P054		01-205-1-L STWG.BTRY RM.	II(I)31
E01-215-2	EXHAUST	JSN P025		1-232-1-L WARD BATH	II(I)31
E01-215-4	EXHAUST	JSN P034		1-238-1-Q SCULLERY	II(I)31
E01-248-1	EXHAUST	JSN P024		2-338-3-1 CPO WR,WC&SH	II(I)32
E01-255-2	EXHAUST	JSN P053		4-254-0-E ENGINE RM. #2	II(I)34
E01-258-2	EXHAUST	JSN P050		4-220-0-E AMR#2	II(I)35
E01-308-4	EXHAUST	JSN P035		3-370-0-E GENERATOR RM.	II(I)36
RR02-142-2	RECIRC.	JSN P051		02-126-2-L WARD LOUNGE	II(I)37
RR02-169-1	RECIRC.	JSN P049		02-154-1-L PASSAGE	II(I)37
RR1-221-1	RECIRC.	JSN P023		1-220-3-L MED.TREATMENT RM.	II(I)21
R03-156-2	RECIRC	JSN P033		02-158-6-Q WARD RM. SCULLERY	II(I) 38

THE FOLLOWING SYSTEMS DO NOT NEED CLEANING	
SYSTEM	COMPARTMENT
2-347-1 RECIRC. FCA	2-347-1-L CPO BERTHING
3-350-1 RECIRC.FCA	3-338-1-L CREW BERTHING
2-314-2 RECIRC FCA	2-300-01-L CREW BERTHING
1-248-1 RECIRC. FCA	1-220-01-L CREW MESS
3-98-1 RECIRC. FCA	3-97-02-L CREW BERTHING
01-201-2 SUPPLY	1-238-1-Q SCULLERY
2-203-1 SUPPLY	4-174-0-E ENGINE RM. #2
01-191-1 EXHAUST	4-174-0-E ENGINE RM. #2
01-146-1 EXHAUST	4-126-0-E AMR #1
01-150-1 SUPPLY	4-126-0-E AMR #1
01-150-3 SUPPLY	4-126-0-E AMR #1
1-174-2 RECIRC. FCA	1-174-0-L CPO MESS RM.
01-308-2 EXHAUST	2-414-0-Q LAUNDRY
01-309-2 EXHAUST	2-414-0-Q LAUNDRY
2-435-1 RECIRC.	2-414-0-Q LAUNDRY
2-262-2 SUPPLY	4-0-E ENGINE RM. #2
2-270-1 SUPPLY	4-254-0-E ENGINE RM. #2
01-243-1 EXHAUST	4-254-0-E ENGINE RM. #2
1-352-2 RECIRC. FCA	1-338-4-L PASSAGE
1-322-1 RECIRC FCA	1-300-01-L PASSAGE
3-407-1 RECIRC.	3-370-0-E GENERATOR RM.

EXHAUST SYSTEM 01-114-3
CPO WR,WC&SH
PIC #1



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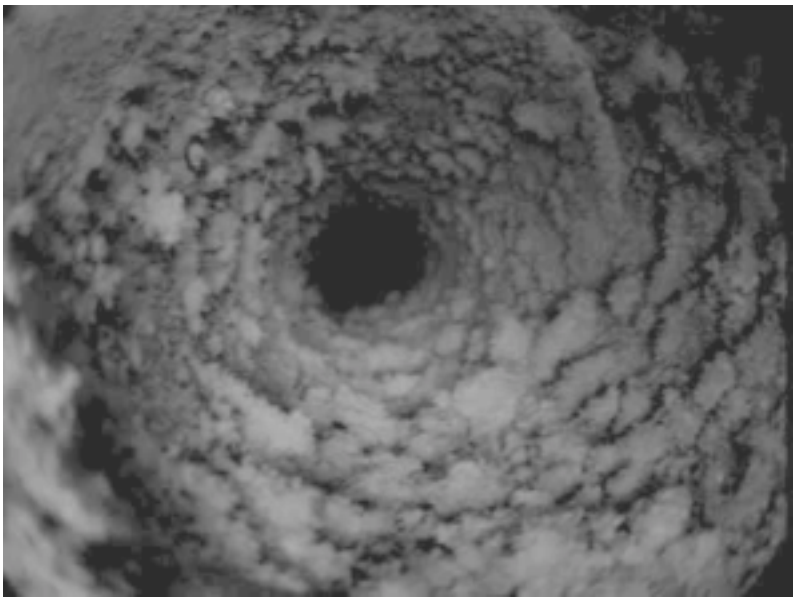
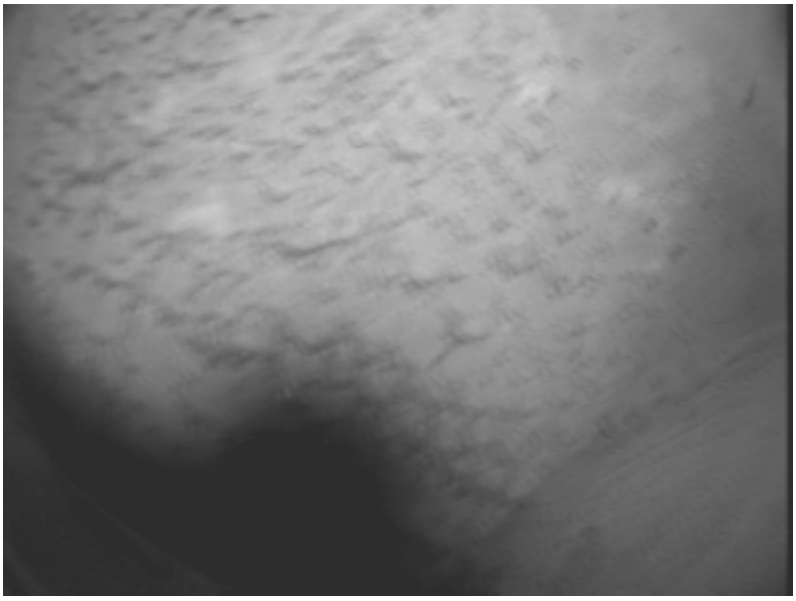


EXHAUST SYSTEM E01-146-3
4-126-0-E AMR # 1
PIC # 1



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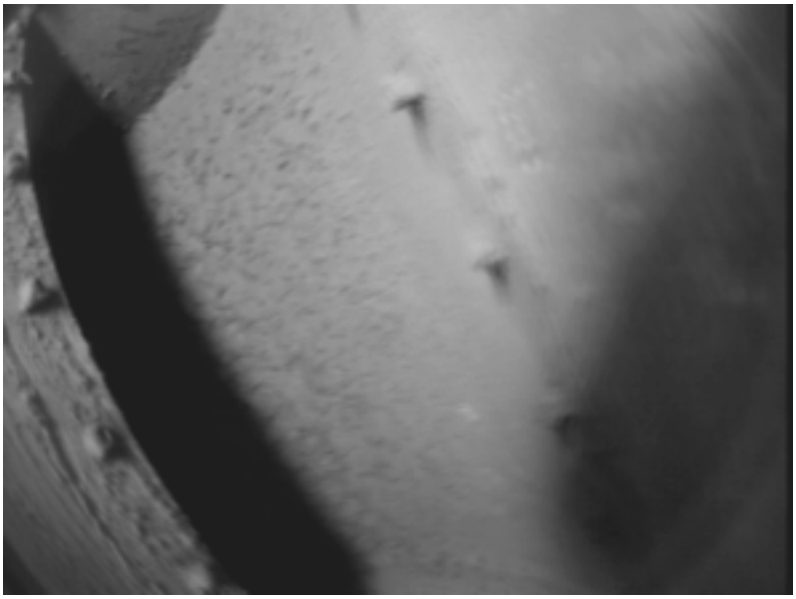
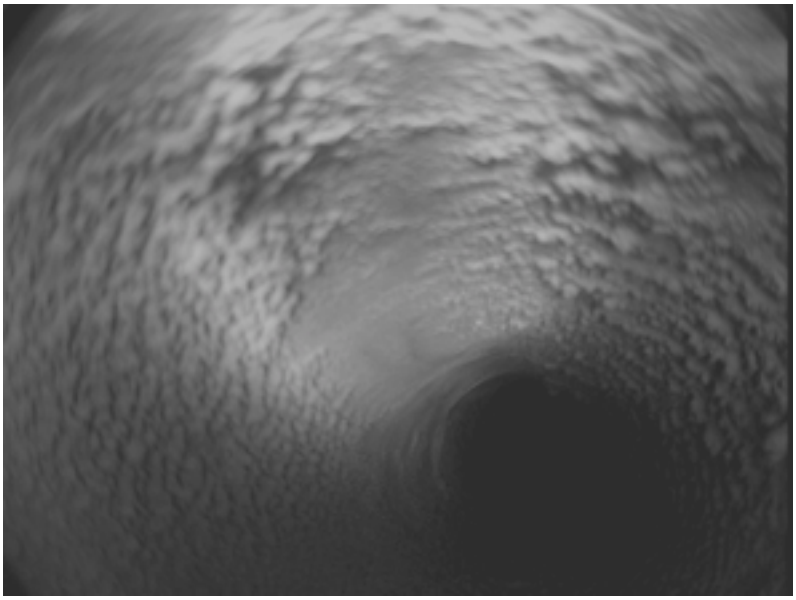


EXHAUST SYSTEM E01-163-1
02-158-3-L OFFICERS WR,WC&SH.
PIC # 1



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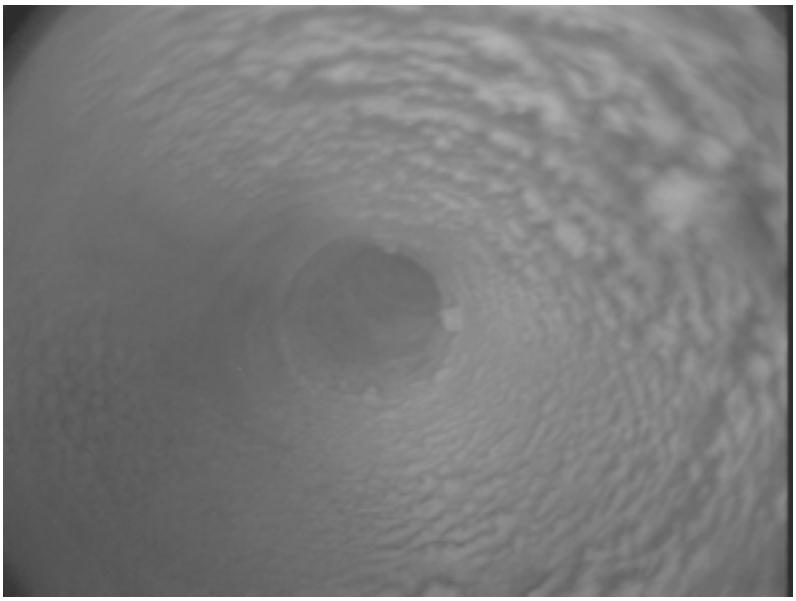
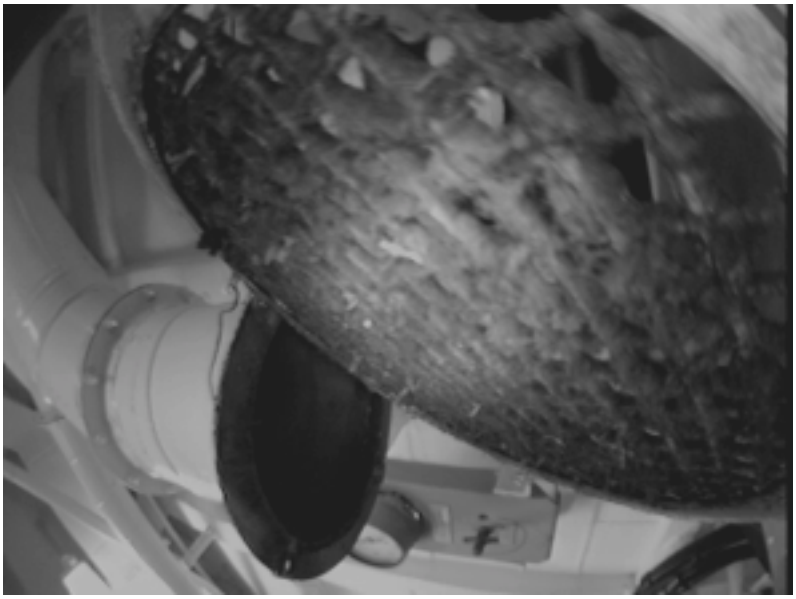


EXHAUST SYSTEM E01-208-1
01-205-01-Q STWG/BTRY CHRGNG RM.
PIC # 1



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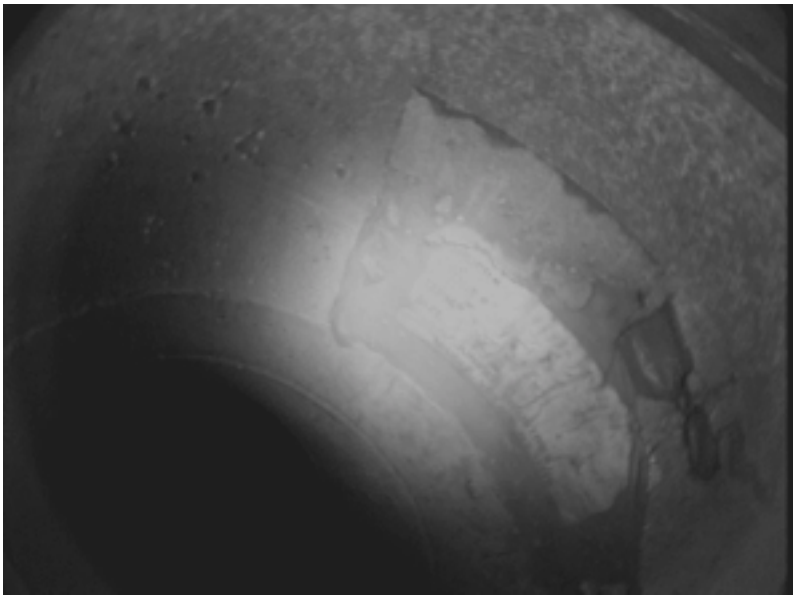
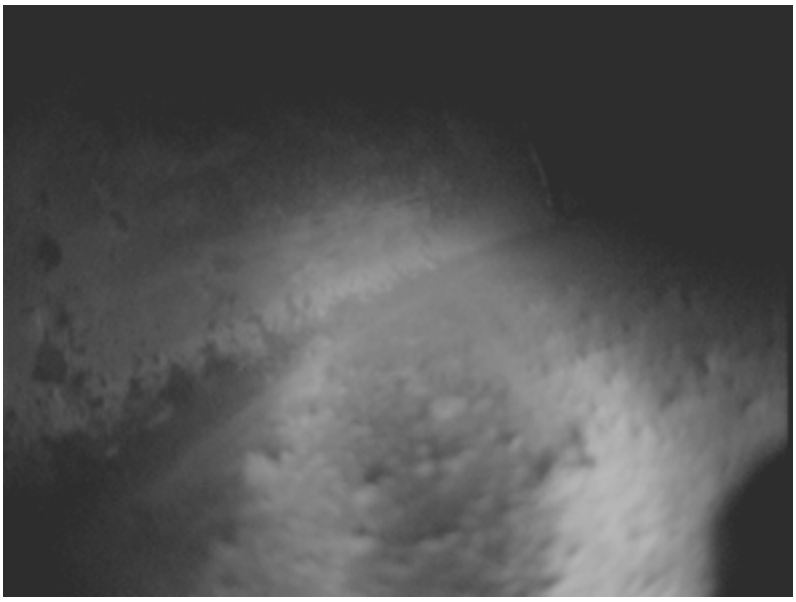


RECIRC.RETURN SYSTEM R02-144-2
02-142-2-Q WR MESS&LOUNGE
PIC # 1



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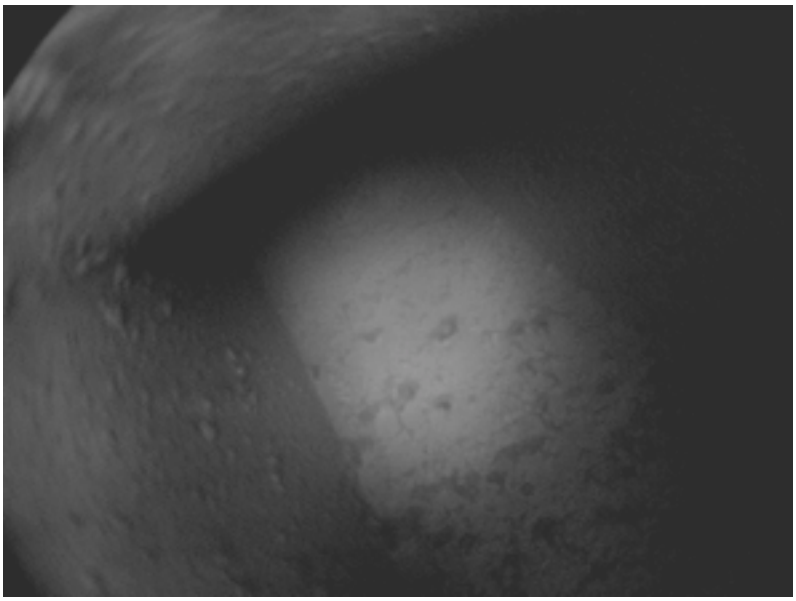
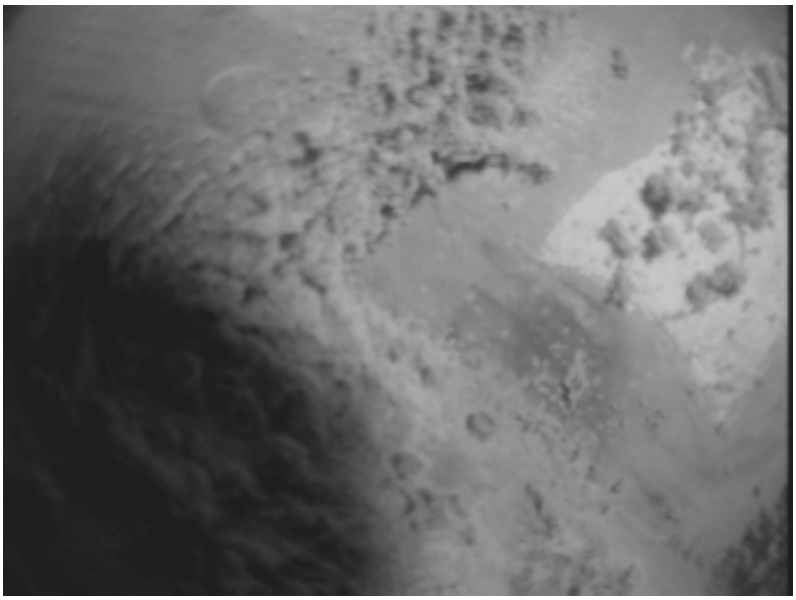


EXHAUST SYSTEM E01-215-4
1-238-1-Q SCULLERY
PIC # 1



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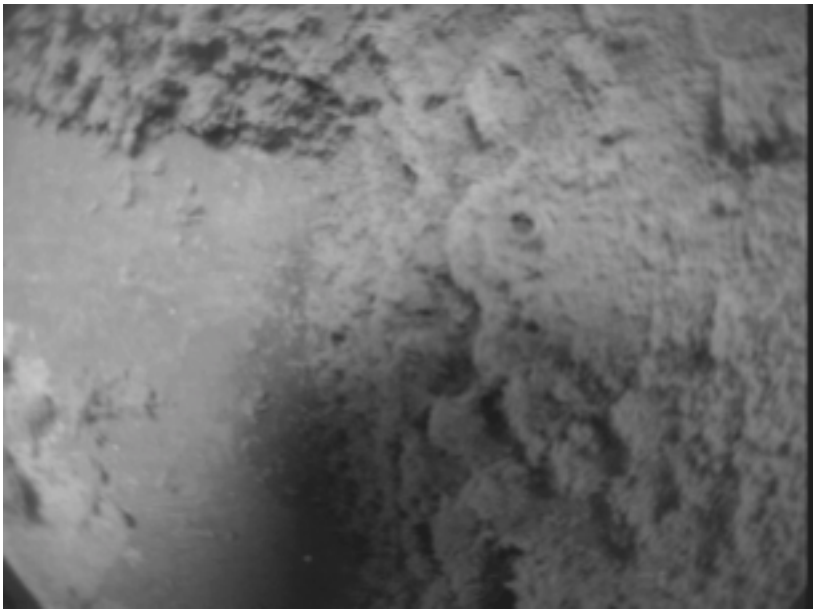
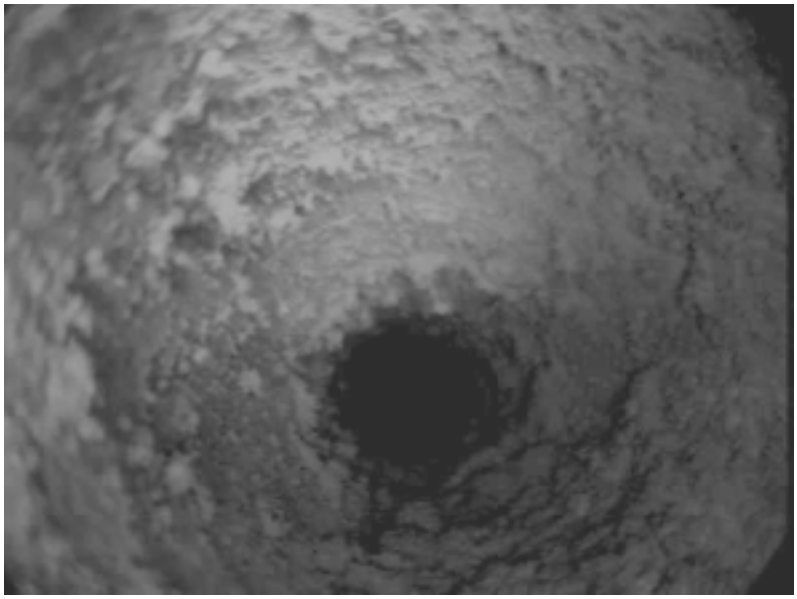


EXHAUST SYSTEM E01 215-2
1-232-1-L WARD BATH
PIC # 1



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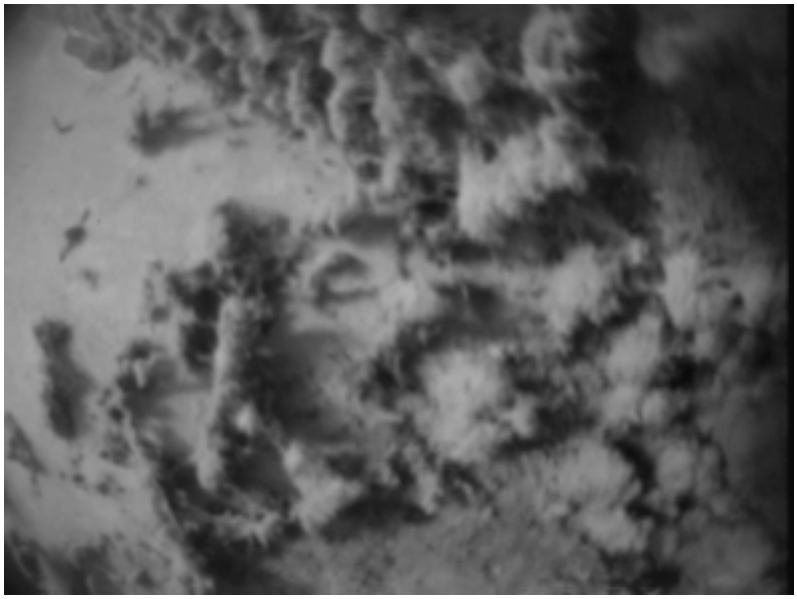
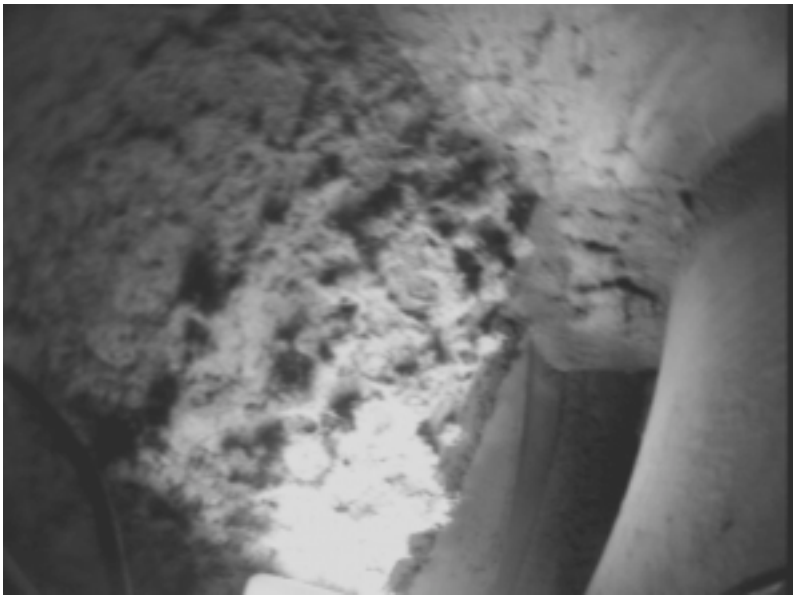
PIC # 2



EXHAUST SYSTEM E01-248-1
2-338-3-L CPO WR,WC&SH.
PIC. # 1



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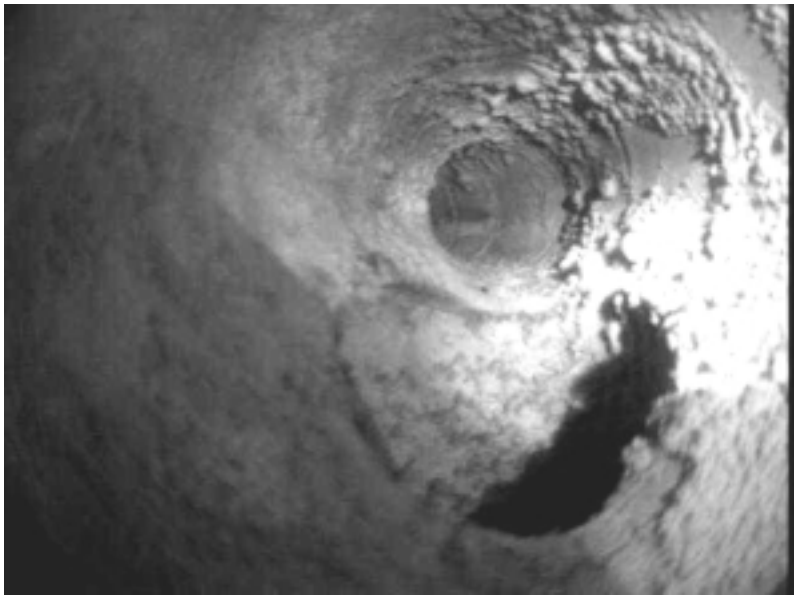
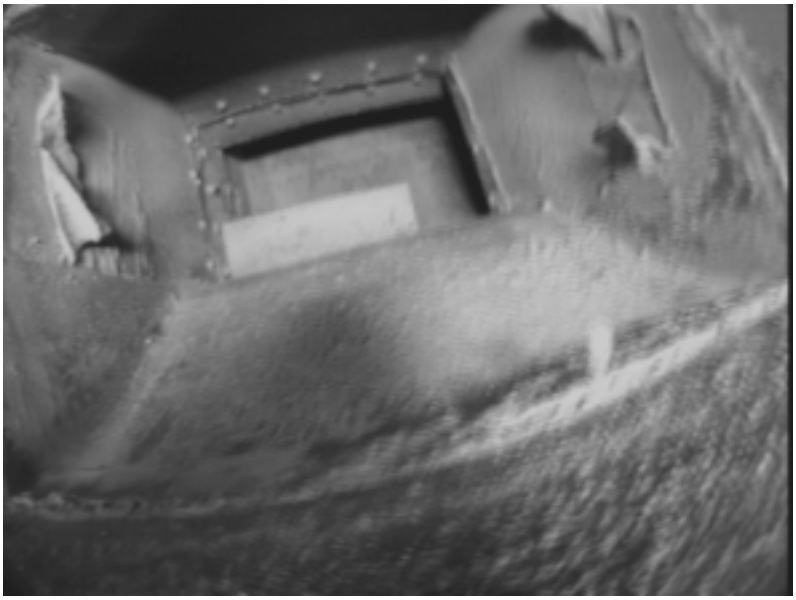


EXHAUST SYSTEM E01-258-2
4-220-0-E AMR # 2
PIC.# 1



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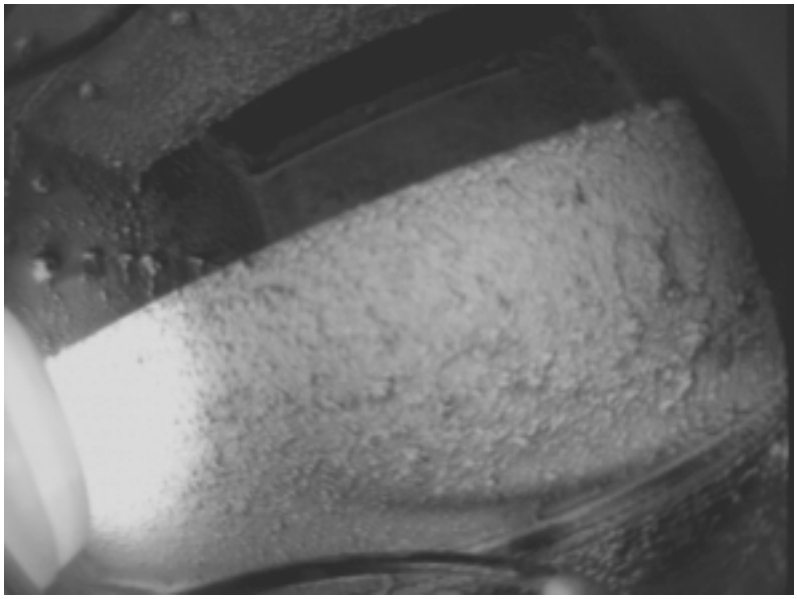
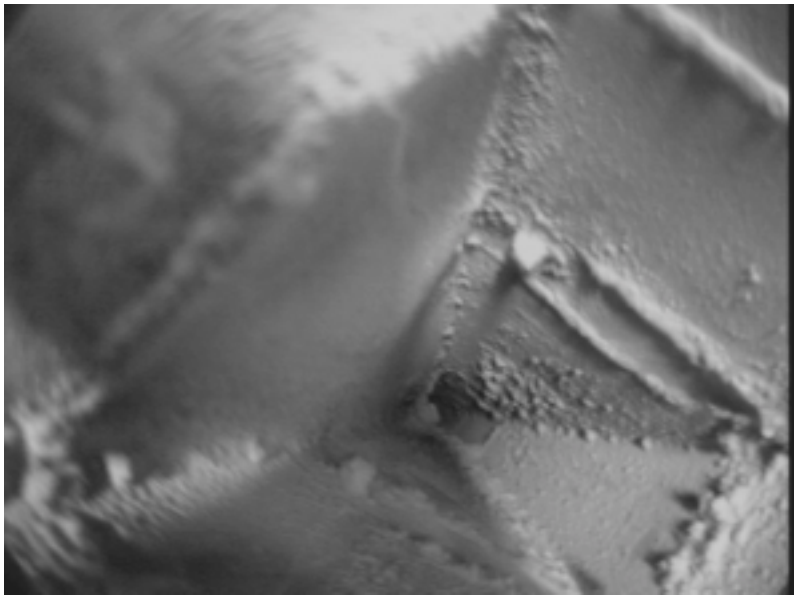


RECIRC.RETURN SYSTEM R1-122-1
1-220-3-L MED. TREATMENT RM.
PIC # 1



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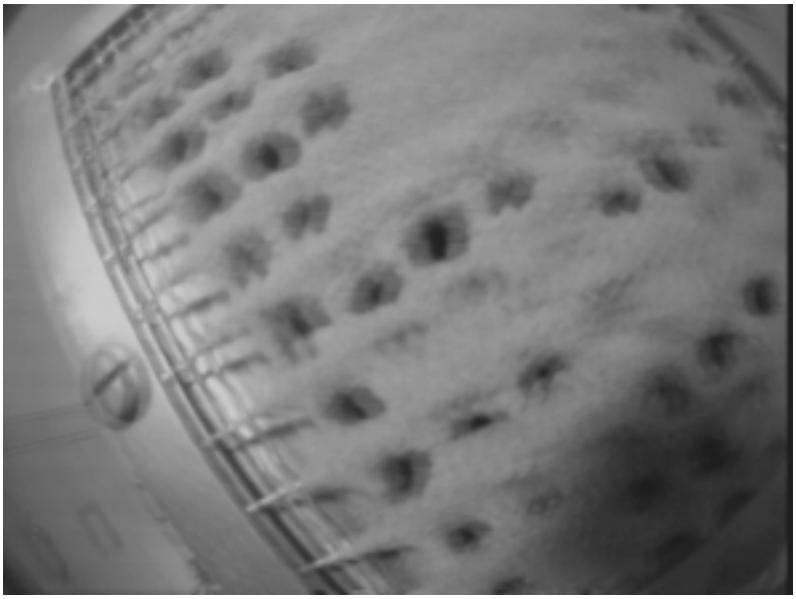
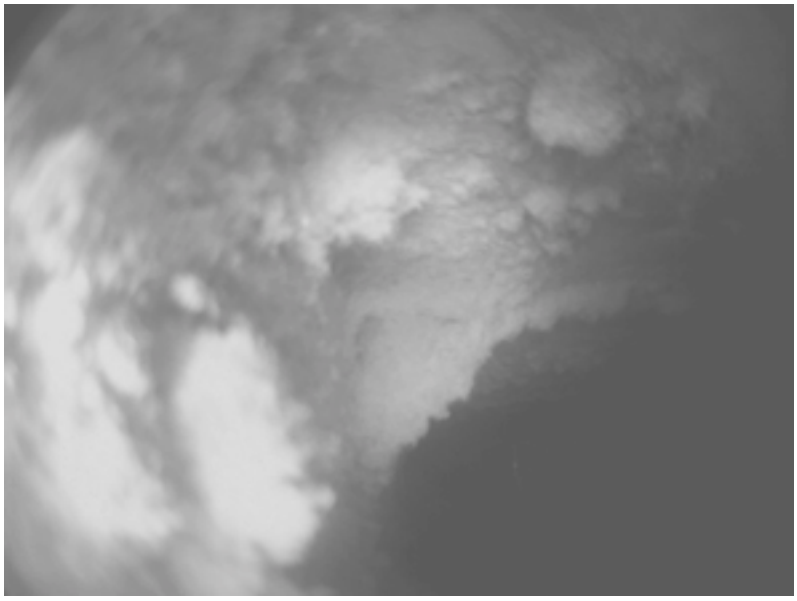


RECIRC. SYSTEM R03-156-2
02-158-6-Q WR GALLEY
PIC # 1



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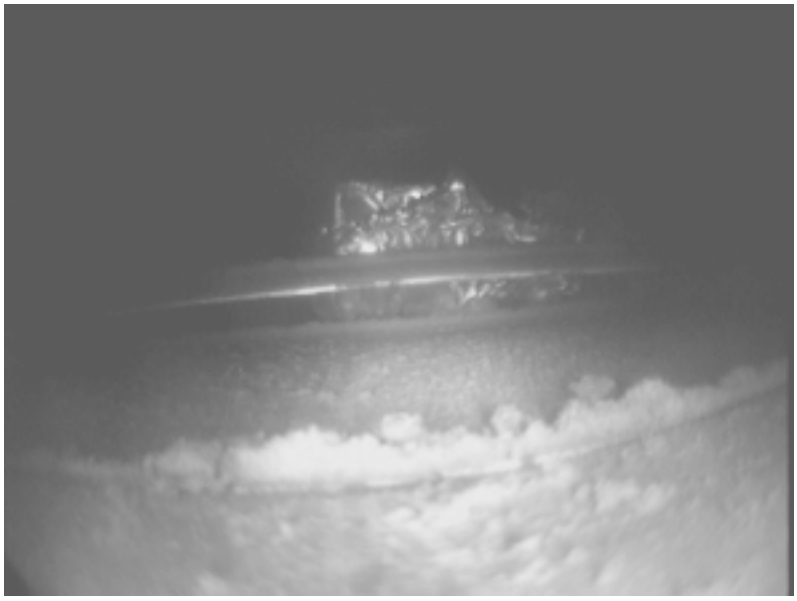
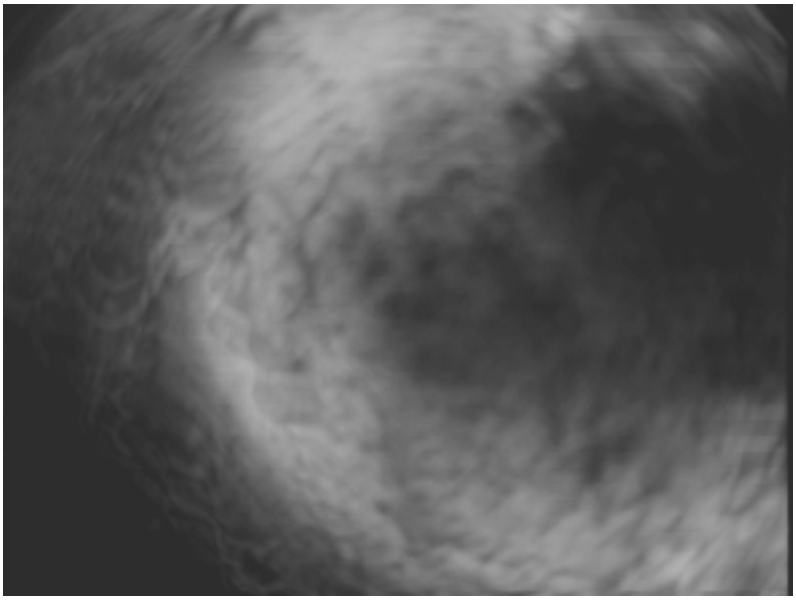
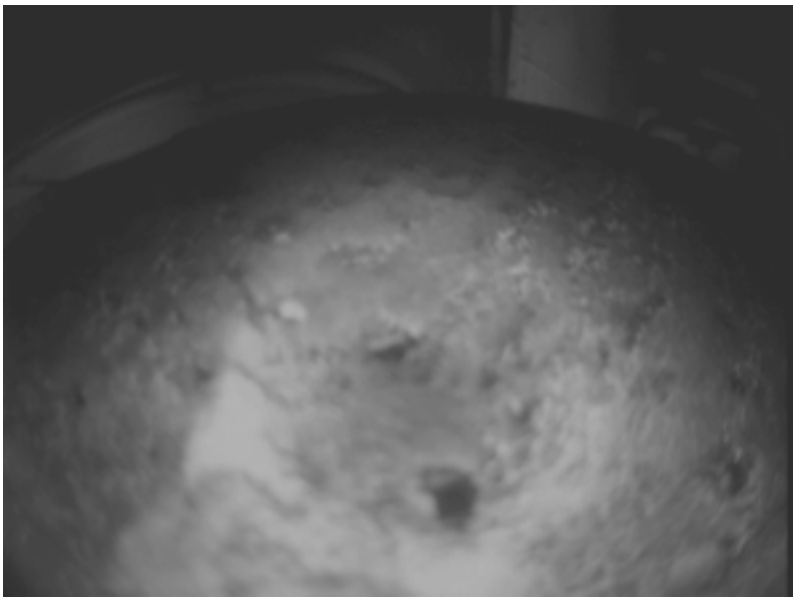


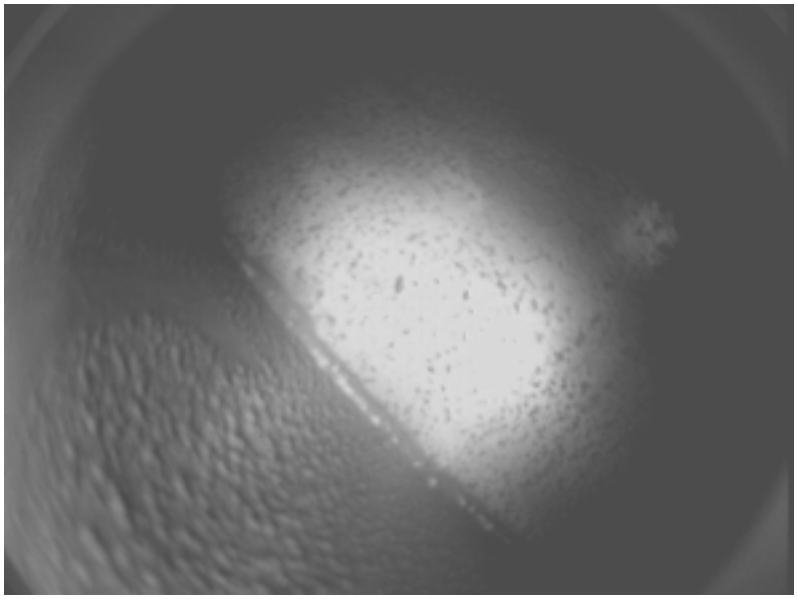
EXHAUST SYSTEM E01-308-4
3-370-0-E GEN. RM.
PIC. # 1



PIC # 2



RECIRC. RETURN SYSTEM R02-169-1
02-154-1-L WR MESS&LOUNGE
PIC # 1



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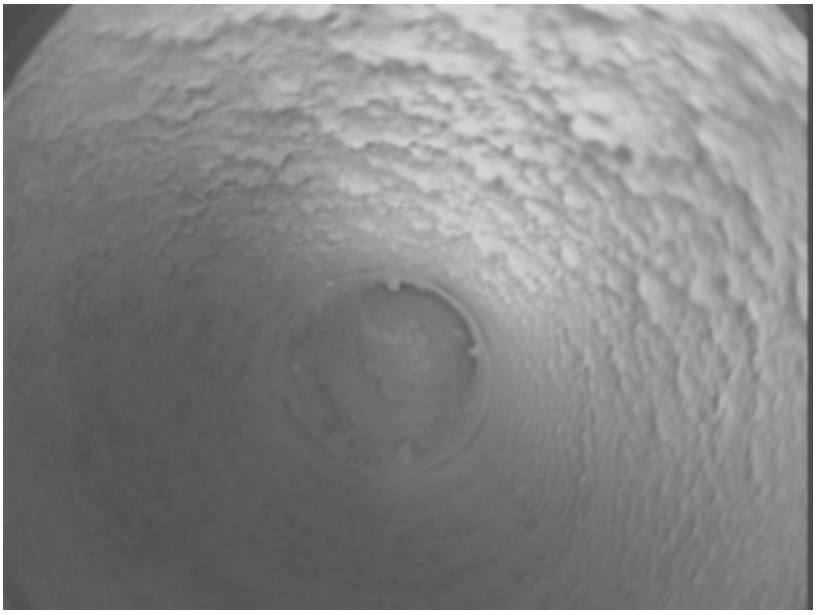
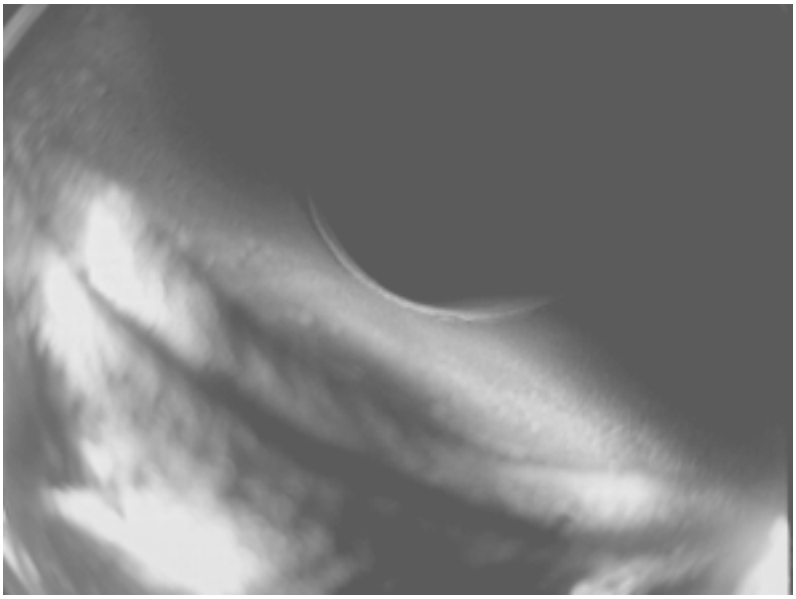


EXHAUST SYSTEM E01-255-2
4-254-0-E ER # 2
PIC # 1

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